

3539 U.S. PTO
09/629172
07/31/80

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| 438 | 424 | Subclass | ISSUE CLASSIFICATION |
| Class | | | |

PATENT NUMBER

U.S. UTILITY Patent Application

| | | |
|-------------------------|-----------|-------------|
| FF | O.I.P.E. | PATENT DATE |
| SCANNED <i>10/10/02</i> | <i>OK</i> | |

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| APPLICATION NO. | CONT/PRIOR | CLASS | SUBCLASS | INT. UNIT | EXAMINER |
|-----------------|------------|-------|----------|-----------|------------|
| 09/629172 | D | 438 | 424 | 2812 | <i>any</i> |

APPLICANTS
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Frederick Brady
Jonathon Maimon

TITLE
Method to harden shallow trench isolation against total ionizing dose radiation

PTO-2040
12/99

| ISSUING CLASSIFICATION | | | | | | | |
|---|----------|--------------------|-----------------------------------|-----|-----|--|--|
| ORIGINAL | | CROSS REFERENCE(S) | | | | | |
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | |
| 438 | 424 | 438 | 433 | 528 | 296 | | |
| INTERNATIONAL CLASSIFICATION | | | | | | | |
| H01L | 21/336 | | | | | | |
| H01L | 21/176 | | | | | | |
| H01L | 21/425 | | | | | | |
| <input type="checkbox"/> Continued on Issue Slip Inside File Jacket | | | | | | | |

| <input type="checkbox"/> TERMINAL DISCLAIMER | DRAWINGS | | | CLAIMS ALLOWED | |
|--|--|-------------|------------|--|----------------------|
| | Sheets Drwg. | Figs. Drwg. | Print Fig. | Total Claims | Print Claim for O.G. |
| | 3 | 10 | 9,10 | 4 | 1 |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. | <i>Ron Longey</i> (Assistant Examiner) | | | NOTICE OF ALLOWANCE MAILED 8-27-02 | |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ | <i>[Signature]</i> (Primary Examiner) | | | ISSUE FEE Amount Due: \$1280- Date Paid: | |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | <i>[Signature]</i> (Legal Instruments Examiner) | | | ISSUE BATCH NUMBER | |

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(Rev. 6/95)

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